

PROSTHETIC INTERVERTEBRAL DISC AND METHODS FOR USING THE SAME

ABSTRACT OF THE DISCLOSURE

5 A prosthetic intervertebral disc and methods for using the same are provided. The subject prosthetic discs are characterized by including top and bottom endplates separated by a fibrous compressible element that includes an annular region and a nuclear region. The two plates are held together at least one fiber wound around at least one region of the top endplate and at least one region of the bottom endplate.

10 The subject discs may be employed with separate vertebral body fixation elements, or they may include integrated vertebral body fixation elements. Also provided are kits and systems that include the subject prosthetic discs.